

2007 DEC 18 PM 1:59

ASSEMBLY BILL 32 RENEWABLE ENERGY - CLEAN-FOSSIL FREE.  
CONVEYANCE SYSTEM (PERIPHERAL CANAL) MOVING WATER  
FROM NORTH (BAY DELTA) TO SOUTH CALIFORNIA

**ABSTRACT** STATE OF CALIF. CRAFTING PLAN TO REDUCE GREENHOUSE GAS EMISSIONS BY 100 MILLION METRIC TONS IN JUST 12 YEARS. STATE OF CALIF. SHOULD LEAD BY EXAMPLE, EASIER TO PULL A ROPE THAN PUSH A ROPE.

(1) CONVEYANCE SYSTEM (PERIPHERAL CANAL) MOVING WATER FROM NORTH (BAY DELTA) TO SOUTH CALIF. CURRENTLY MOVING 1410 CU. FT. PER SEC. = 87,843 LBS. KINETIC ENERGY. PROPOSED NEW PERIPHERAL CANAL SYSTEM WOULD INCREASE FLOW TO 2,884 CU. FT. SEC. = 179,673 LBS. OF KINETIC ENERGY. NORTH TO SOUTH, WHERE CANAL DROPS IN ELEVATION, HYDROELECTRIC PLANTS SHOULD BE INSTALLED - SOME OF INFRASTRUCTURES ARE IN PLACE - WHAT IS MISSING IS INSIGHTS OF POLICY MAKERS OF CALIF. HISTORY HAS SHOWN THAT POLICY MAKER CANNOT OR WILL NOT UNDERSTAND NEW CONCEPTS - PROVE HISTORY WRONG. RENEWABLE ENERGY - CLEAN - FOSSIL FREE.

(2) BENEFITS OF HYDRO ELECTRIC PLANTS.

A. GREENHOUSE GAS FREE, RENEWABLE.

B. ELECTRIC CAR FIRMS SHOULD EMBRACE HYDRO-ELECTRIC CHEAP ELECTRICITY. IT IS A NO BRAINER TO PLUG AN ELECTRIC CAR TO BE RECHARGED BY POWER GRID FUELED BY FOSSIL FUEL.

C. REDUCES IMPORT OF CRUDE OIL. CALIFORNIA OBTAINS 60% PLUS OF IT'S ELECTRICITY BY BURNING FOSSIL FUEL.

D. GOVERNOR SCHWARZENEGGER IS PROPOSING TO BUILD 100 HYDROGEN REFUELING INFRASTRUCTURES UP & DOWN THE STATE OF CALIFORNIA. HUGH STEP IN REDUCING GREENHOUSE GAS. IF THE HYDROGEN REFUELING INFRASTRUCTURES WERE NOT POWERED BY A POWER GRID FUELED BY FOSSIL FUELS.

E. ENVIRONMENTAL GROUPS SHOULD EMBRACE HYDRO-ELECTRIC PLANTS ALONG NORTH TO SOUTH WATER CONVEYANCE SYSTEM. IF GREENHOUSE GASES ARE REDUCED, AND IF NEW LARGE FISH SCREENS ARE INSTALLED AT THE PUMPING PLANTS.

F. ELECTRICITY SALES SHOULD HELP PAY FOR WATER CONVEYANCE SYSTEM.

THE STATE AIR RESOURCES BOARD, CALFED, GOVERNOR SCHWARZENEGGER  
AND CALIFORNIA LAW MAKERS SHOULD START LEADING THE WAY TO REDUCE  
GREENHOUSE GAS. INDIVIDUAL, INDUSTRIAL, AND BUSINESS SECTORS WILL  
FOLLOW. IT IS EASIER TO PULL THE ROPE THAN TO PUSH THE ROPE.

THANK YOU,

FRANK R. MEDCALF  
CONCERNED CITIZEN

CC: Governor Arnold Schwarzenegger  
Ted Gaines, Assemblyman 4<sup>th</sup> District  
Jerry Brown, Attorney General  
Energy Commission  
California Environmental Protection Agency

Frank R. Medcalf  
537 Loretto Drive  
Roseville, CA 95661-3529  
(916)773-4722  
KAMFRAM@aol.com